AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1.   (Currently Amended)   In an active noise cancellation system having exhaust noise and anti-noise initiating at sources positioned perpendicular to each other, a noise management arrangement comprising:

a noise cancellation enclosure containing a noise cancellation space, said space being in communication with a noise cancellation port and an exit port coaxial with said noise cancellation port; and

an opening for receiving the exhaust noise from an exterior of said enclosure and communicating the exhaust noise into said space via a conduit having an inner spout portion, wherein said inner spout portion extends into said space, terminates at a non-zero angle relative to an axis along which said exit and noise cancellation ports lie, and directs said exhaust noise , said opening oriented relative to the flow of exhaust so as to generally direct the noise towards said exit port, thereby minimizing the exhaust noise that impinges upon the enclosure.

2.   (Original)   The noise management arrangement of claim 1 wherein the cross sectional area of said exit port is at least ten percent greater than a sum of the cross sections of said noise cancellation port and said opening.

3.   (Currently Amended)   The noise management arrangement of claim 1 further comprising an wherein said inner spout portion is located within said noise cancellation space and is in fluid communication with said opening.

4.   (Currently Amended)   The noise management arrangement of claim 3 wherein said noise cancellation space has a special spatial volume, less the spatial volume of said inner spout portion, greater than or equal to twice the spatial volume of said noise cancellation port.

5.   (Original)   The noise management arrangement of claim 1 further comprising at least one prong positioned on said enclosure to facilitate its mounting.

6.   (Original)   The noise management arrangement of claim 1 wherein said enclosure is formed of aluminum.

7.   (Original)   The noise management arrangement of claim 1 further comprising a screen positioned across said noise cancellation port.

8.   (Currently Amended)   In an active noise cancellation system having an anti-noise speaker enclosure and an exhaust component, each with an output directed perpendicular to the other, a noise management arrangement comprising:

a noise cancellation enclosure containing a noise cancellation space, said space being in communication with a noise cancellation port and an exit port coaxial with said

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noise cancellation port, said noise cancellation port being adapted for receiving the speaker enclosure output;

a conduit adapted for receiving the exhaust component output, said conduit having an inner spout portion extending into said space, terminating at a non-zero angle relative to an axis along which said exit and noise cancellation ports lie, and directing the exhaust noise towards said exit port, thereby minimizing the exhaust component output that impinges upon the enclosure.

9.   (Currently Amended)   The noise management arrangement of claim 8 wherein the cross sectional area of said exit port is at least ten percent greater than a sum of the cross sections of said noise cancellation port and said ~~pipe~~ conduit.

10.   (Original)   The noise management arrangement of claim 8 wherein said noise cancellation space has a spatial volume, less the spatial volume of said inner spout portion, greater than or equal to twice the spatial volume of said noise cancellation port.

11.   (Original)   The noise management arrangement of claim 8 further comprising at least one prong positioned on said enclosure to facilitate its mounting.

12.   (Original)   The noise management arrangement of claim 8 wherein said enclosure is formed of aluminum.

13.   (Original)   The noise management arrangement of claim 8 further comprising a screen positioned across said noise cancellation port.

14.   (Currently Amended)   An active noise cancellation system for a vehicle having a noise emitting exhaust component and side exiting exhaust gas, the system comprising:

a speaker enclosure for emitting anti-noise;

a noise cancellation enclosure containing a noise cancellation space, said noise cancellation space being in communication with a noise cancellation port and an exit port coaxial with said noise cancellation port and arranged for allowing exhaust gas to exit from side of a vehicle, said noise cancellation port being adapted for communicating said anti-noise into said noise cancellation space;

a conduit for connecting to the exhaust component, at least a portion of said conduit being exterior of said noise cancellation enclosure and perpendicular to said noise cancellation port, said conduit also having an inner spout portion extending into said noise cancellation space, terminating at a non-zero angle relative to an axis along which said exit and noise cancellation ports lie, and directing the noise towards said exit port, thereby minimizing the noise that impinges upon the enclosure.

15.   (Currently Amended)   The noise management arrangement of claim 14 wherein the cross sectional area of said exit port is at least ten percent greater than a sum of the cross sections of said noise cancellation port and said pipe conduit.

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16.   (Currently Amended) The noise management arrangement of claim 14 wherein said noise cancellation space has a ~~special~~ spatial volume, less the spatial volume of said inner spout portion, greater than or equal to twice the spatial volume of said noise cancellation port.

17.   (Original)   The noise management arrangement of claim 14 further comprising at least one prong positioned on said enclosure to facilitate its mounting to the vehicle.

18.   (Original) The noise management arrangement of claim 14 wherein said enclosure is formed of aluminum.

19.   (Original)   The noise management arrangement of claim 14 further comprising a screen positioned across said noise cancellation port.